

Du'Bois J. Ferguson
Remediation Manager

Schlumberger Oilfield Service
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Tel: 281-285-3692
DFerguson3@slb.com

May 10, 2010

VIA FedEx Overnight

Section Chief
Environmental Enforcement Section
U.S. Department of Justice
PO Box 7611
Washington, DC 20044-7611

Craig Zeller
Remedial Project Manager
Superfund Division
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, GA 30303

Re: DOJ Case No. 90-11-2-696/1

Subject: April 2010 Monthly Report
Sangamo Weston/Twelvemile Creek/Lake Hartwell Superfund Site
Natural Resources Trustees Consent Decree

Dear Section Chief:

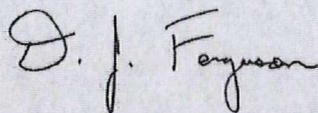
In accordance with the Consent Decree and Section XIV of the Unilateral Administrative Order for the above referenced site, Schlumberger is required to submit Progress Reports on a quarterly basis. Given the current pace of activities, we will be submitting Progress Reports on a monthly basis until further notice in satisfaction of the reporting requirements of the Consent Decree and Unilateral Administrative Order.

In keeping with Paragraph 20 of the Consent Decree:

I certify that the information contained in or accompanying this submission is true, accurate and complete. This certification is based on my personal preparation, review, or analysis of the submission, and/or supervision of persons who, acting on my instructions, made the verification that the submitted information is true, accurate and complete.

If you have any questions, please do not hesitate to contact me at (281) 285-3692.

Sincerely,



DuBois J. Ferguson
Remediation Manager



cc: Honorable G. Ross Anderson, Jr.
G. Ross Anderson, Jr. Federal Building
and United States Courthouse
315 South McDuffie Street, 2nd Floor
Anderson, SC 29624

Honorable William W. Wilkins
Nexsen Pruet
55 E. Camperdown Way
Suite 400
Greenville SC 29601

Leon C. Harmon Esq.
Nexsen Pruet
55 E. Camperdown Way
Suite 400
Greenville SC 29601

John Cresswell
Assistant Director
Division of Site Assessment and Remediation
Bureau of Land & Waste Management
SC Department of Health and
Environmental Control
2600 Bull Street
Columbia, SC 29201

Regional Solicitor's Office
U.S. Department of the Interior
Attn: Harriet M. Deal
75 Spring Street, SW Room 304
Atlanta, GA 30303

Diane Beeman
Ecological Services Office
U.S. Fish and Wildlife Service
176 Croghan Spur Road, Suite 200
Charleston, SC 29407

Paul League
SC Department of Natural Resources
Office of Chief Counsel
1000 Assembly Street
Columbia, SC 29202

Anthony Rabern
Georgia Department of Natural Resources
3695 Highway 197

Clarkesville, GA 30523

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Timothy J. Ritzka
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40 Capitol Square SW
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Jamie Sykes
Richard B. Russell Project Office
4144 Russell Dam Drive
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Frank S. Holleman III
Wyche Burgess Freeman & Parham, P.A.
44 East Camperdown Way
Greenville SC 29601-3591

Mr. Paul Doody
ARCADIS
6723 Towpath Road
Syracuse, NY 13214-0066

Mr. John N. Hanson
Beveridge & Diamond, P.C.
1350 I Street, N.W.
Suite 700
Washington, D.C. 20005-3311

April 2010 Monthly Report
Sangamo Weston/Twelvemile Creek/Lake Hartwell Superfund Site
Operable Unit 2

Activities Completed

- Continued to install and maintain erosion and sediment controls at the SMU site including permanent and temporary ponds, a diversion ditch, a double row of silt fence around the entire site, waddles, hay bales, check dams, retention structures, and additional surface material (i.e., seeding, erosion control blankets, riprap).
- Continued installation of the dredge materials handling equipment and water treatment components.
- Continued sampling and analysis program for creek turbidity and water treatment system effluent water.
- Continued sediment dredging in Twelvemile Creek adjacent to and downstream of Ball's Beach and at Woodside Dam 1 (WS1) impoundment.
- Continued placement of 24" Protective Layer within the SMU.
- Initiate and continued sieve analysis and permeability testing on SMU Protective Layer material.
- Initiated thickness testing/depth verifications on SMU Protective Layer material.
- Installed ModuTank double layer liner system.
- Initiated installation of groundwater monitoring wells.
- Initiated and continued dredge verification surveying. Completed dredge obstruction survey.
- On April 9, 2010, Diane Duncan (USFWS) and Larry Dyck conducted a visit to the SMU site for a tour (escorted by Don Glenn of Weston).
- On April 15, 2010, Cathy Marion (DNR) visited the SMU site.
- On April 22, 2010, four visitors from SCDHEC (Greg Cassidy, Dave Oberly, Keith Collinsworth, and John Abernathy) conducted a visit to the SMU site to view monitoring well installation and recent site activities.
- On April 23, 2010, Judge Anderson visited the SMU site.

Results of Sampling, Tests, and Other Data

- Collected post-dredge survey data in Twelvemile Creek in 100 foot interval sections. Once information from the first 500 foot section is complete, the information will be submitted in accordance with the Dredge Verification Plan.
- Sampling and analysis is being conducted relative to the creek turbidity, and water treatment system effluent water. Results are available onsite.

Plans, Reports, and other Deliverables

- Analytical data related to samples collected from the SMU site by Rogers and Callcott Engineers, Inc. to assess water treatment effluent water were submitted to SCDHEC in an Exception Report (submitted April 19, 2010) and the March Monthly Report (submitted April 27, 2010) in Attachment 1.

Work Planned for May 2010

- Continue management of storm water BMPs.
- Continue sediment dredging activities downstream of Ball's Beach and at WSI impoundment.
- Continue placement of 24" Protective Layer/dredge material in SMU.
- Continue dredge verification surveys.
- Continue Protective Layer sampling and depth verifications.
- Continue water treatment monitoring and processing.

Problems Encountered, Anticipated Delays, Solutions

- None at this time.

ARCADIS

Attachment 1



ROGERS & CALLCOTT
ENGINEERS, INC.

AN EMPLOYEE-OWNED COMPANY

P.O. Box 3655, Greenville, SC 29606
• Phone (864) 232-1556 • FAX (864) 233-9058

April 19, 2010

Ms. Melinda Vickers
Industrial Wastewater Permitting
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Subject: Discharge Limits Exception
Twelvemile Creek Project Site - Schlumberger
Pickens County

Dear Ms. Vickers:

On behalf of Schlumberger, Rogers and Callcott is informing SCDHEC that results for TSS and PCBs for an effluent sample collected on Tuesday, April 13, 2010 at the Twelvemile Creek Restoration Project treatment system were in exception to the discharge limitations presented in Table 1 of the October 15, 2009 correspondence from Butch Swygert to Chris Moody (Arcadis).

The result for TSS from the 4/13/10 composite sample was 190 mg/L, and the PCB result was 0.62 µg/L. The system was shut down on Wednesday, April 15, 2010 when Rogers & Callcott's laboratory reported the TSS result to Schlumberger. It is our understanding that the system will be down while the issue is investigated and what corrective measures, if any, may be beneficial.

If you have any questions, please call me at (864) 335-4961.

Sincerely,

James M. Kirlin, PE
Rogers and Callcott

cc: Gary Odom, Schlumberger
Du'Bois (Joe) Ferguson, Schlumberger
George Maalouf, Rogers and Callcott Engineers, Inc.



ROGERS & CALLCOTT
ENGINEERS, INC.

AN EMPLOYEE-OWNED COMPANY

P.O. Box 5655, Greenville, SC 29606
Phone (864) 232-1556 • FAX (864) 233-9058

April 27, 2010

Mr. Dale Stoudemire, Manager
Data Management Section - Bureau of Water
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Subject: March 2010 Sampling Results Report
Twelvemile Creek Restoration Project
Pickens County

Dear Mr. Stoudemire:

On behalf of Schlumberger Technology Corporation (STC), Rogers and Callcott is providing this sampling results summary for the Twelvemile Creek Restoration Project in Pickens County for the month of March 2010 in accordance with the October 15, 2009 approval letter from SCDHEC (Butch Swygert) to Arcadis (Chris Moody) and the March 11, 2010 SCDHEC construction and operation approval memorandum.

Initial equipment filling and testing of the system began on March 17, 2010. The liner in the system's Modular Settling Tank failed on March 18, 2010 halting treatment operations. A new liner was installed on March 25, 2010, but due to system testing and normal start-up procedures, the system did not operate long enough during attempted start-up to perform the sampling required in the October 15, 2009 letter. Therefore, no sampling results are available for March 2010. The first samples were collected on April 6, 2010. The results from these samples will be provided to SCDHEC by May 28, 2010.

If you have any questions, please call me at (864) 335-4961.

Sincerely,

James M. Kirlin, PE
Rogers and Callcott

cc: Gary Odom, STC
Du'Bois (Joe) Ferguson, STC
George Maalouf, Rogers and Callcott Engineers, Inc.